



# LOWARA

## LOWARA Variable Speed Driven System



### Benefits :-

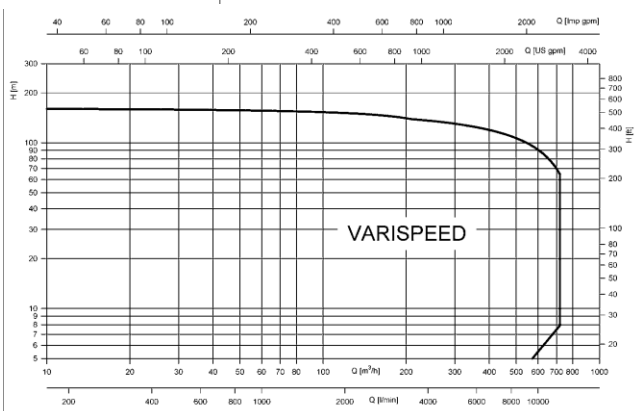
- Maximize system performance
- Reduce energy consumption
- Reduce starting currents
- Eliminate bypass lines, pressure control and metering valves
- Eliminate pressure pulsation and water hammer
- Increase reliability and service life
- Space saving
- Built-in friction-loss compensation

*Multi-stage vertical pumps with impellers, diffusers and outer sleeve entirely made of stainless steel, with pump body and upper head in cast iron in the standard versions. The N versions are entirely made of stainless steel.*

*This reliable and technologically advanced series owes its success to its flexibility of application, ease of maintenance (the mechanical seal can be replaced without removing the motor), high performance and silent running.*

### Specifications.

Delivery	up to 160 m <sup>3</sup> /h
Head	up to 330 m
Power supply	three-phase and single-phase 50 and 60 Hz
Power	standard motors from 0.37 kW to 55 kW
Maximum operating pressure	PN25-40 for sizes 1-22SV; PN16, PN25, PN40 for sizes 33-125
Temperature of pumped liquid	-30°C to +120°C standard version / up to 150°C in "hot water design"
Protection	IP55
Insulation class	F



### extra efficient

The e-SV's newly-designed hydraulics, combined with a high-efficiency motor (IE2) deliver maximum efficiency.

### energy saving

Pumps are among the largest users of industrial energy. Do your part to reduce CO<sub>2</sub> emissions and your impact on the environment - and improve your bottom line - by taking advantage of the new e-SV's lower energy requirement. Use a new e-SV pump along with a variable speed drive such as Xylem's Hydrovar®, and save even more energy and money.

### easy to maintain

The e-SV's new design allows removal of the mechanical seal without having to remove the motor, reducing repair time by up to 50%. A standard DIN mechanical seal, wearing components, service tools and standard IEC motors enable faster and easier maintenance and servicing.



*Engineered for life*